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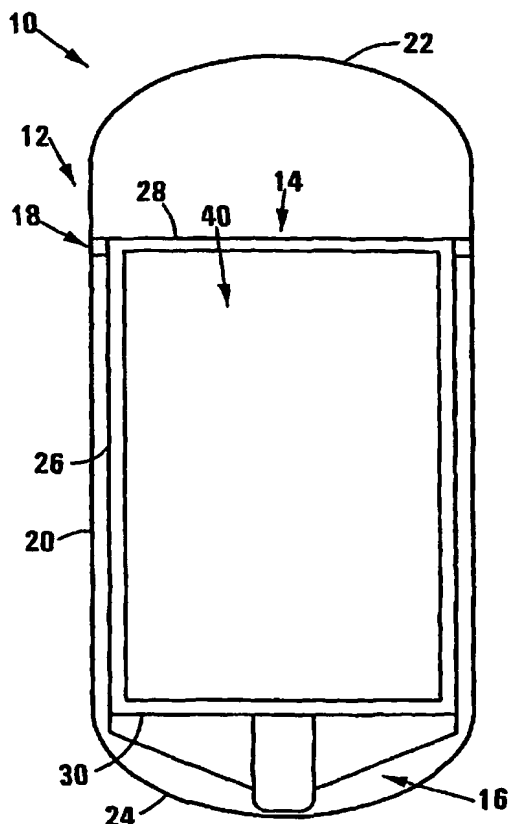
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(54) Title: A SUPPORT ARRANGEMENT



(57) Abstract: A nuclear reactor includes a reactor pressure ves-
sel (12) and a core barrel (14), contained within the reactor pressure
vessel (12). The reactor (10) further includes a single vertical sup-
port (16), for transmitting vertical load from the core barrel to the
reactor pressure vessel. Further, lateral support means is provided
at an elevation which is above that of the support (16) to provide
lateral support to the core barrel (14). This arrangement will result
in reduced stress arising from the temperature fluctuations.



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